

For Research Use Only

# RFC4 Polyclonal antibody

Catalog Number: 10806-1-AP

3 Publications



## Basic Information

### Catalog Number:

10806-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1234

### GenBank Accession Number:

BC017452

### GeneID (NCBI):

5984

### UNIPROT ID:

P35249

### Full Name:

replication factor C (activator 1) 4, 37kDa

### Calculated MW:

37 kDa

### Observed MW:

37-40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:1000-1:4000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, FC (Intra), ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : MCF-7 cells, LNCaP cells, Raji cells

IHC : human skin cancer tissue,

IF/ICC : U2OS cells, HepG2 cells

## Notable Publications

Author	Pubmed ID	Journal	Application
Jing Wang	34520390	Aging (Albany NY)	WB
Jianguo Yang	33691114	Cell Rep	WB
Stephen Gray	32640224	Cell Rep	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

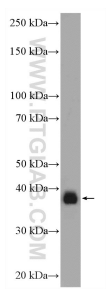
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

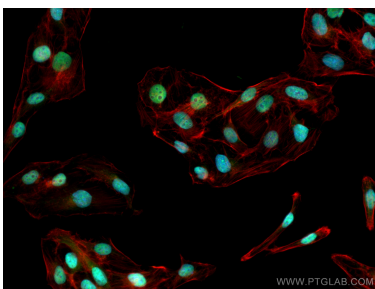
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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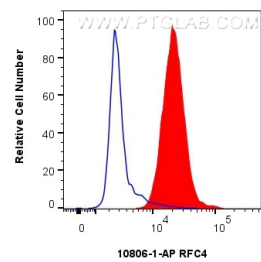
Selected Validation Data



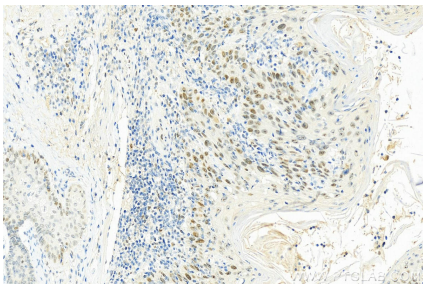
MCF-7 cells were subjected to SDS PAGE followed by western blot with 10806-1-AP (RFC4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



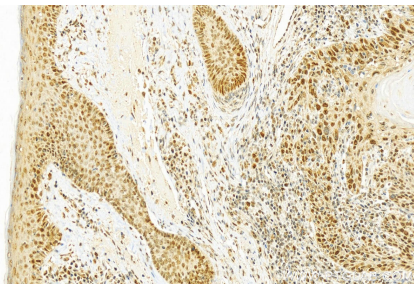
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using RFC4 antibody (10806-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug RFC4 Polyclonal antibody (10806-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 10806-1-AP (RFC4 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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